

LOCAL NOTICE TO MARINERS

MONTHLY EDITION

Issued by: Commander, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060 Telephone: (216) 902-6070. All times shown in local time unless otherwise noted. Positions are in degrees, minutes, seconds, and tenths of seconds. Numbers within brackets [/] refer to the LNM where information was first printed. Direct questions about this LNM to the above address.

USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Ninth Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

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BROADCAST NOTICE TO MARINERS (BNM) are issued by Ninth District and all Group Offices for their areas of responsibility. Navigation information having been of immediate concern to the Mariner, the following broadcasts have been incorporated into this LNM when still significant:

Ninth District	C049-97	through	C049-97	Group Buffalo, NY	B130-97	through	B132-97
Group Detroit, MI	D258-97	through	D267-97	Group Grand Haven, MI	G146-97	through	G147-97
Group Milwaukee, WI	M142-97	through	M145-97	Group Sault Ste Marie, MI	S168-97	through	S170-97

Light List Reference: Commandant Publication P16502.7, VOL VII, 1997 Edition / Coast Pilot Reference: U.S. Coast Pilot 6 Great Lakes 1997 Edition

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

I. SPECIAL NOTICES

LORAN-C TERMINATION STUDY

The 1996 Federal Radionavigation Plan calls for the termination of Loran-C operations in the year 2000. The U.S. Department of Transportation (DOT) is undertaking a congressionally mandated review of the decision to cease operation. Booz-Allen & Hamilton, Inc., has been retained to assess the technical merits of extending Loran-C service beyond the year 2000 and to conduct a cost/benefit analysis of such an action. Booz-Allen hosted a Users Conference, during which representatives of various Loran-C users presented information related to the system and its present and future use. The conference was held at Booz-Allen's headquarters in McLean, VA.

Because of the schedule and location, the conference may not have provided every segment of the user community the opportunity to have input. Therefore, DOT is also soliciting written input from individuals and organizations prior to, during and following the conference. These inputs may be mailed to: DOT Loran-C Study Comments, c/o Joseph R. Davis, Booz-Allen & Hamilton, Inc., 8251 Greensboro Drive, McLean, VA 22102.

Telephone comments will not be accepted. E-mail comments may be forwarded to loranc@bah.com. FAX comments may be sent to (703) 917-3023. Comments may be sent 24 hours a day. Comments are being solicited on any technical, operational or economic issue(s) associated with the proposed action. Comment should be factual, and if possible provide verifiable reference to the source of any data cited. Commentors may call (703) 902-4671 during normal business hours (8:00AM-5:00PM EST) to confirm receipt. All comments should identify the originator and provide some means (mail, telephone or E-mail) to allow return contact with the originator. Commentors should identify the specific Loran-C user community/communities (maritime, aviation, weather, timing and synchronization, etc.) they represent, and the specific use made (type of aircraft, vessel or other platform, where used, what other navigation systems are used, and typical navigation activity). In addition, comments should address safety, reliability and other system performance issues.

Inputs will be accepted until December 15, 1997; however, early submission will ensure time for the contractor and DOT to address key issues in the cost/benefit analysis and other technical reports. [26/97]

NATIONAL OCEAN SERVICE (NOS) - Notice of Intent

The National Ocean Service (NOS) plans to remove descriptions of Canadian waters, shoreline and related supplemental information from United States Coast Pilot 6- Great Lakes: Lakes Ontario, Erie, Huron, Michigan, Superior and St. Lawrence River. NOS has not updated this portion of the existing text since 1987 in observance of Canadian copyrights. Mariners should consult the Canadian Sailing Directions for current information concerning these Canadian areas. However, text related to significant coterminous waterways such as the Detroit River will remain in Coast Pilot 6. Comments may be sent to: Chief, Marine Chart Division, N/CS 28. National Ocean Service, NOAA, 1315 East-West Highway, Station 7317, Silver Spring, MD 20910-3282. [29/97]

U.S. COAST PILOT - 1997 (2nd) Edition - Change No 5

Change No 5 to the U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (2nd) Edition publication can be found in enclosure (1) of Local Notice to Mariners 23/97. [23/97]

U.S. COAST PILOT - 1997 (2nd) Edition - Change No 6

Change No 6 to the U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (2nd) Edition publication can be found in enclosure (1) of Local Notice to Mariners 24/97. [23/97]

U.S. COAST PILOT - 1997 (2nd) Edition - Change No 7

Change No 7 to the U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (2nd) Edition publication can be found in enclosure (4) of Local Notice to Mariners 29/97. [29/97]

GREAT LAKES- VTS St. Marys River Call Sign Change.

VTS St. Marys River AKA "SOO CONTROL" has officially changed it's call sign to "SOO TRAFFIC" effective 15 August 1997. [22/97]

GREAT LAKES - Great Lake Water Levels

The expected water levels on the Great Lakes for October 5, 1997. Connecting Channels and the St. Lawrence River, given in inches above (+) or below(-) Low Water Datum (LWD). LWD is a plane of reference used on a navigation chart. It is also known as chart Datum.

Great Lakes:

Lake Ontario +22, Lake Erie +48, Lake St. Clair +47, Lake Michigan +40, Lake Huron +40, Lake Superior +16.

St Lawrence River:

Above Long Sault Dam +13, Above Iroquois Dam +10, Ogdensburg +18, Alexandria Bay +22, Head of River at Cape Vincent +22.

Detroit River

Lake Erie at Pelee Passage +48, Mouth of River at Gibraltar +47, Head of River above Belle Isle +47.

St. Clair River

Mouth of River at St. Clair Flats +47, Algonac +49, St. Clair +46, Blue Water Bridge +44, Head of River at Fort Gratiot +40, Lake Huron Approach Channel +40.

St. Marys River

Mouth of River at Detour +40, West and Middle Neebish +43, Head of Little Rapids +38, Below Locks +37, Above Locks +16, Head of River at Point Iroquois +16.

Available water depth is determined for a location by adding (if +) or subtracting (if -) the amount from the above to the water depth shown on National Oceanic and Atmosphere Administration (NOAA) navigational charts. **Caution:** Depths so determined are representative of a still water surface elevation, disturbed by neither wind nor other causes. Depth, however, may be reduced or increased as much as several feet for short periods of time due to these disturbances, or when section of channels develop shoals. Vessel masters should refer to Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels. For further information direct inquires to: Department of the Army, Detroit District Corps of Engineers P. O. Box 1027, Detroit, MI 48231, (313) 226-6443. [29/97]

ST. LAWRENCE SEAWAY NOTICE NO. 8-1997 - Defacement of Lock Walls

Your attention is drawn to U.S. regulation 401.56 b. and Canadian Section 56.b. of the Seaway Regulations which states: "The Master of every vessel shall prevent defacement of Seaway property by any member of the vessel's crew." Several vessel crew members have been observed painting on the lock walls at Eisenhower Lock; this is in violation of the above regulation. Mariners are advised that violations may be processed against vessels whose crew are found defacing lock walls and vessels may also be liable for clean up costs. [23/97]

ST. LAWRENCE SEAWAY NOTICE NO. 9-1997 - Transit Declaration Words

In order to provide a more efficient system for toll assessment, the following procedures will be instituted for the remainder of the 1997 Navigation Season on a trial basis.

- (1) Vessel representatives of non-cargo, non-passenger vessels will not be required to forward a "Transit Declaration Form" to the Seaway Agencies. The vessel Pre-Clearance process will determine eligibility.
- (2) Vessel representatives may forward "Transit Declaration Form" information using a pre-approved facsimile report on a weekly basis. Representatives wishing to participate should contact Tolls Services at (613) 932-5170 for full details. [23/97]

LAKE ONTARIO - NY -Chaumont Bay, Abandoned Barge, Chart 14811

A 104 foot wooden barge with superstructure is aground approximately 50-75 feet from shore in Chaumont Bay, NY. This vessel sits in about six feet of water in position 44-1.6N, 076-16.8W. Although the majority of the barge is structurally sound, pieces of planking have fallen off one side of the vessel which is exposed to the elements. Mariners are advised to use CAUTION when operating in the Chaumont Bay area. [21/97]

LAKE ERIE - Cleveland Harbor - Buoy Removed

East Basin Channel Lighted Buoy 9 (LLNR 4125) will be decommissioned for the season. This is due to dredging and construction around Burke Lakefront Airport. CAUTION is advised while transiting the area. [22/97]

LAKE ERIE - OH - Monroe Harbor, Test Buoy-Chart 14830

The Coast Guard has established a 5NI temporary test buoy, Monroe Harbor 8A, in position 41-53.41N, 083-20.38W. This red nun ice buoy has been established to test the Zebra mussel resistant coating. [22/97]

LAKE ERIE - OH - Toussaint River Buoyage System - Chart 14846

The Toussaint River Buoyage system, Entrance Buoy 1 through Entrance Buoy 6, (LLNRS 5920 Through 5945) is unreliable due to shoaling. [28/97]

ST. CLAIR RIVER - MI/ONT - Condition of Channel, Chart 14852

Be advised that shoaling exists in the St. Clair River, Michigan and Ontario at location 42 57 10.818N, 82-25-38.352W approximately 220 feet East of channel centerline and approximately 1100 feet North of the CSX Car Ferry Dock in Sarnia, Ontario. The reported depth at this position is 25.8 feet. Vessel operators are advised to use caution when navigating within this area. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-57. Internet address: <http://sparky.nce.usace.army.mil/DandMo&m.html>. [29/97]

ST. CLAIR RIVER - Temporary Reduction in Speed Limits on the St. Clair River - Chart 14852

The Coast Guard is making a temporary reduction in the speed limits on the St. Clair River in order to reduce the possibility of wake or surge damage due to unusually high water. This regulation remains in effect until December 15, 1997. The reduction in speed will affect upbound vessels only, because vessel moving downbound with the current produce less disturbance. The reduction will be from 12 miles per hour to 10 miles per hour in the section from Marsens Island Rear Range Light to Buoy 42, a length of approximately 11.5 statute miles from the southern end of Marsens Island to Marine City, in the lower half of the St. Clair River (where shorelines are lowest and most sensitive). Comments must be received on or before October 28, 1997 and should be sent to Commander Eric Reeves, Chief, Marine Safety Analysis and Policy Branch, Ninth Coast Guard District, Room 2069, 1240 E. Ninth Street, Cleveland, Ohio, 44199-2060. E-mailed to EReves@D9.USCG.MIL, or telefaxed to (216) 902-6059. Please reference the name of the proposal and the docket number [CGD 09-97-021]. [27/97]

DETROIT RIVER - MI - Detroit - Hazard, Chart 14848

The Coast Guard has established a temporary buoy near the entrance of Detroit Municipal Marina at approximate position 42-21.32N 082-56.76W. This buoy marks a submerged concrete and steel obstruction. All mariners are requested to exercise caution when transiting the area. [18/97]

LAKE HURON - MI - Point Aux Barques - Chart 14863

A white buoy with red hazard diamond has been reported adrift in approximate position 44-08.85N, 082-52.49W, north of Point Aux Barques. [21/97]

LAKE HURON - MI - St. Ignace - Chart 14881

St. Ignace CG Basin Buoy 2 (LL 12606) has been established in position 45-51-20.76N, 084-42-06.28W. [22/97]

LAKE MICHIGAN/NORTHERN LAKE HURON - MI - Grand Traverse Bay - Salmon Fish Nets - Chart 14913

Tribal commercial fishing nets have been set in Northern Lake Huron and Grand Traverse Bay in the designated tribal fishing areas. The nets are marked with orange or red poles that extend five feet above water with 12 inch by 12 inch orange flags at the top and large floats 6 inch by 6 inch spaced at intervals of 300 feet or less. The tribal fishing areas in northern Lake Huron are as follows: (1) St. Martin Bay zone- from Rabbitsback Point north and east to Brule Point. (2) Detour zone - from Detour ferry dock south and west to Beavertail Point. (3) Cordwood Point zone- from Cordwood Point south to a point one-half (1/2) mile north of the Hammond Bay harbor light. Boater should exercise CAUTION when transiting these areas. [25/97]

LAKE MICHIGAN - MI -Grand Haven - Chart 14906

A yellow NOAA buoy has been established in Lake Michigan approximate position 43-01.30W, 086-16-29W. The buoy is a yellow discus shape with the letters NOAA and number 45011 on the hull. The light characteristic is 4 flashes every 30s. [23/97]

LAKE MICHIGAN - MI - Frankfort Harbor - Condition of Channel, Chart 14907

Condition surveys performed within the Federal navigation channel at Frankfort Harbor, Michigan during August 1997, indicate shoaling as shown in enclosure (1) of Local Notice to Mariners 29/97. Vessel operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI. 48231-1027, and should refer to Notice to Navigation L97-61. [29/97]

LAKE MICHIGAN - MI - White Lake Harbor - Condition of Channel, Chart 14935

Condition surveys performed within the Federal navigation channel at White Lake Harbor, Michigan during August 1997, indicate shoaling as shown in enclosure (2) of Local Notice to Mariners 29/97. Vessel operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI. 48231-1027, and should refer to Notice to Navigation L97-60. [29/97]

LAKE MICHIGAN - MI -CG Station Closing for 1997 Boating Season

The U.S. Coast Guard Station Manistee is closed for the 1997 boating season. All calls for assistance should be directed to Coast Guard Group Grand Haven or Coast Guard Station Frankfort. [29/97]

LAKE MICHIGAN - MI - Grand Haven - Bridge Operating Regulations, Chart 14933

A Final Rule has been published in the Federal Register (62 FR 43097) on 8/12/97 revising the regulations contained in 33 CFR Part 117.633. This revision affects the operations of the CSX Transportation bridge and U.S. Route 31 highway bridges, miles 2.8 and 2.9, respectively, over the Grand River. A copy of the final rule is in enclosure (10) of Local Notice to Mariners 24/97. [24/97]

LAKE MICHIGAN - MI - Manistee Harbor - Bridge Operating Regulations, Chart 14938

A Final Rule has been published in the Federal Register (62 FR 43931) on 8/18/97 revising the regulations contained in 33 CFR Part 117.637. This revision affects the operations of the Maple Street bridge and U.S. Route 31 highway bridges, miles 1.1 and 1.4, respectively, over the Manistee River. A copy of the final rule is included in Local Notice to Mariners 24/97 as enclosure (11).

LAKE MICHIGAN - MI - -Holland Harbor - Condition of Channel, Chart 14932

After dredging surveys performed within the Federal navigation entrance channel at Holland Harbor, Michigan during May and June 1997, indicate shoaling as shown in enclosure [1] of Local Notice to Mariners 17/97. Vessel operators are advised to use caution when navigating within this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-40. Internet address: <http://sparky.nce.usace.army.mil/DandM6&m.html>. [17/97]

LAKE MICHIGAN - MI - Ludington Harbor - Condition of Channel - Chart 14937

Condition surveys performed within the Federal navigation channel at Ludington Harbor, Michigan during July 1997, indicate shoaling as shown in enclosure (2) of LNM 23/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-42. Internet address: <http://sparky.nce.usace.army.mil/DandM6&m.html>. [23/97]

LAKE MICHIGAN - MI - Portage Lake Harbor - Condition of Channel - Chart 14939

Condition surveys performed within the Federal navigation channel at Portage Lake Harbor, Michigan during July 1997, indicate the 12 foot maintenance depth is available. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-43. Internet address: <http://sparky.nce.usace.army.mil/DandM6&m.html>. [23/97]

LAKE MICHIGAN - MI -Saugatuck Harbor - Condition of Channel - Chart 14906

Condition surveys performed within the Federal navigation channel at Saugatuck Harbor, Michigan during July 1997, indicate the 12 foot maintenance depth is available. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-44. Internet address: <http://sparky.nce.usace.army.mil/DandM6&m.html>. [23/97]

LAKE MICHIGAN - MI - Manistee Harbor - Condition of Channel - Chart 14938

Condition surveys performed within the 23 foot depth section of the Federal navigation channel at Manistee Harbor, Michigan during July 1997, indicate shoaling as shown in enclosure (3) of LNM 23/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-45. Internet address: <http://sparky.nce.usace.army.mil/DandM6&m.html>. [23/97]

LAKE MICHIGAN - MI/WI -Menominee Harbor and River - Condition of Channel, Chart 14917

Condition surveys performed within the Federal navigation channel at Menominee Harbor and River, Michigan during August 1997, indicate shoaling as shown in enclosure (3) of Local Notice to Mariners 29/97. Vessel operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI. 48231-1027, and should refer to Notice to Navigation L97-59. [29/97]

LAKE MICHIGAN -WI - Washington Island - CG Station Closing for 1997 Boating Season

The U.S. Coast Guard Station Washington Island is closed for the 1997 boating season. All calls for assistance should be directed to Coast Guard Station Sturgeon Bay. [26/97]

LAKE MICHIGAN - WI - Two Rivers -Condition of Channel, Chart 14903

Dredging surveys performed within the Federal navigation channel at Two Rivers Harbor, Wisconsin during August 1997, indicate the 13 foot maintenance depth is available. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P. O. Box 1027, Detroit, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-58. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [29/97]

LOWER FOX RIVER, WI -Notice of Lock Closing for 1997 - Chart 14916

Notice is hereby give that the recreational navigation season, on the Lower Fox River in Wisconsin, was terminated on Sunday, September 28, 1997. The operation of the De Pere locks were discontinued at midnight, local time, Sunday, September 28, 1997. Navigation aids on the Lower Fox River, below and above the lock will be removed after the close of navigation. For further information regarding the lock closings, contact the Fox River Management Commission, 1163 W. Main Street, Appleton, Wisconsin 54911, Telephone (414) 738-0693 or the U.S. Army Corps of Engineers, Fox River Sub-Office, Telephone (414) 766-3531. [27/97]

LAKE MICHIGAN - WI -Pensaukee Harbor - Condition of Channel, Chart 14907

Dredging surveys performed within the Federal navigation entrance channel at Pensaukee Harbor, Wisconsin during July 1997, indicate shoaling as shown in enclosure [1] of Local Notice to Mariners 25/97. Vessel operators are advised to use caution when navigating within this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-54. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html> [25/97]

LAKE MICHIGAN - WI - Milwaukee Harbor - Condition of Channel, Chart 14924

After dredging surveys performed within the Federal navigation entrance channel at Milwaukee Harbor, Wisconsin during April and May 1997, indicate shoaling as shown in enclosure [2] of Local Notice to Mariners 25/97. Vessel operators are advised to use caution when navigating within this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-53. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html> [25/97]

LAKE MICHIGAN - WI - Algoma Harbor - Condition of Channel - Chart 14910

Condition surveys performed within the Federal navigation channel at Algoma Harbor, Wisconsin during June 1997, indicate shoaling as shown in enclosure (2) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-46. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI -Kewaunee Harbor - Condition of Channel - Chart 14903

Condition surveys performed within the Federal navigation channel at Kewaunee Harbor, Wisconsin during June 1997, indicate shoaling as shown in enclosure (6) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-47. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI -Manitowic Harbor - Condition of Channel - Chart 14922

Condition surveys performed within the Federal navigation channel at Manitowic Harbor, Wisconsin during June 1997, indicate shoaling as shown in enclosure (3) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-48. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI - BigSuaamico Harbor - Condition of Channel - Chart 14918

Condition surveys performed within the Federal navigation channel at BigSuaamico Harbor, Wisconsin during June 1997, indicate shoaling as shown in enclosure (7) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-49. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI -Oconto Harbor - Condition of Channel - Chart 14910

Condition surveys performed within the Federal navigation channel at Oconto Harbor, Wisconsin during June 1997, indicate shoaling as shown in enclosure (4) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-50. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI -Sheboygan Harbor - Condition of Channel - Chart 14922

Condition surveys performed within the Federal navigation channel at Sheboygan Harbor, Wisconsin during June 1997, indicate shoaling as shown in enclosure (5) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-51. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI - Sturgeon Bay and Lake Michigan Ship Canal - Condition of Channel - Chart 14919

Condition surveys performed within the Federal navigation channel at Sturgeon Bay and Lake Michigan Ship Canal, Wisconsin during June 1997, indicate shoaling as shown in enclosure (8) of LNM 24/97. Vessel Operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-52. Internet address:<http://sparky.nce.usace.army.mil/DandM6&m.html>. [24/97]

LAKE MICHIGAN - WI - Green Bay Harbor - Condition of Channel, Chart 14918

After dredging surveys performed within the Federal navigation entrance channel at Green Bay Harbor, Wisconsin during July 1997, indicate shoaling as shown in enclosure [1] of Local Notice to Mariners 26/97. Vessel operators are advised to use caution when navigating within this area. All inquiries should be addressed to CELRE-CO-OO, U.S. ARMY CORP OF

II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000, 30 SEPTEMBER, 1997

This section lists the summary of current discrepancies. Any discrepancies listed in Local Notice to Mariners 28/97 which have been corrected are listed under "DISCREPANCIES CORRECTED" in this section. The following abbreviations are used to describe aid names and discrepancy status:

B	Buoy	BKW	Breakwater	(C)	Canadian Aid
CH	Channel	DAM	Damaged	DAYBD	Dayboard
DBN	Daybeacon	DECOM	Decommissioned	DISCON	Discontinued
ENT	Entrance	ESTB	Established	EXT	Extinguished
FS	Fog Signal	HBR	Harbor	IMCH	Improper Characteristic
INOP	Inoperative	JCT	Junction	LB	Lighted Buoy
LBB	Lighted Bell Buoy	LGB	Lighted Gong Buoy	LHB	Lighted Horn Buoy
LIB	Lighted Ice Buoy	LT	Light	LWP	Left Watching Properly
OBST	Obstruction	OFFSTA	Off Station	(P)	Private Aid
PARSUB	Partially Submerged	PAROBSC	Partially Obscured	PHD	Pierhead
RBN	Radiobeacon	RAC	Racon	DIM	Reduced Intensity
RELDRG	Relocated for dredging	RELSHL	Relocated for Shoaling	RELCON	Relocated for Construction
RF	Range Front	RPTD	Reported	RR	Range Rear
(SLS)	St. Lawrence Seaway Devel Corp	SND CONT	Sounding Continuously	TRUB	Temporarily Replaced With An B
TRLB	Temporarily Replaced With A LB	TRLT	Temporarily Replaced With A Light	W/M	Winter Mark

A. RECENT DISCREPANCIES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
02395	THIRTYMILE PT LT	LT EXT	14805	B132-97	29/97
03025	STRAWBERRY IS CUT LB 07	TRLB 14832		25/97	
03091	STRAWBERRY ISL CUT LB 15	TRLB 14832		25/97	
03560	JOHN E. LAMPE MUNI MARINA LT 2(P)	DBN IMCH	14835		26/97
03635	PRESQUE ISLE PARK LT 3(P)	LT EXT	14835		28/97
04150	NORTH COAST HARBOR LIGHT 2(P)	MSLD SIG	14839	D254-97	26/97
04275	LAUNCH BASIN LIGHT(P)	LT EXT	14826	D157-97	17/97
04660	SANDUSKY EXIT CH JCT LB E	OFF STA	14845	D267-97	29/97
04800	SANDUSKY SLUDGE BSN LT(P)	LT IMCH	14842	D158-97	17/97
05500	GEM BEACH NORTH ENTRANCE LIGHT "2"(P)	LT EXT	14842	D263-97	29/97
07365	WEST OUTER CH LBB 01W	FS INOP	14848	D235-97	25/97
07750	MAMAJUDA LT	LT IMCH/LT EXT	14848	D020-97	50/96
10380	WILDFOWL BAY CHANNEL BUOY 1 (P)	MISSING	14863		27/97
11230	NATIONAL GYPSUM CO. B 7 (P)	MISSING	14863		27/97
11275	JERRY'S MARINA R F LT (P)	LT EXT	14863		27/97
11300	TAWAS RIV R F LT(P)	LT EXT	14863		27/97
11305	TAWAS RIV RR LT(P)	LT EXT	14863		27/97
11515	MIDDLE IS LT	LT DIM	14864	S144-97	22/97
16500	TWO HARBORS LT	LT EXT	14966		28/97
16835	PASSAGE IS LT	FS INOP	14968	S163-97	27/97
18530	LUDINGTON N BKW LT	FS IMCH	14937	G147-97	29/97
19035	GRAND RIV LB 14	LT EXT	14933		26/97
19745	HAMMOND MARINA ENTRANCE LT 1(P)	LT EXT	14929	M144-97	29/97
19925	FOUR MILE CRIB LT (P)	FS INOP	14927	M118-97	22/97
20135	WILSON AVENUE INTAKE CRIB LIGHT (P)	FS INOP	14926		19/97
20315	WAUKEGAN HBR LT	FS INOP	14904	M143-97	29/97
20365	ZION INTAKE LIGHT 2 (P)	MISSING	14904	M096-97	19/97
20685	CITY PIER SOUTH SLIP LIGHT 2(P)	LT IMCH	14924		22/97
20705	TANKER PIER BUOY 1 (P)	MISSING	14924	M129-97	25/97
21535	LANSING SH LT	LT EXT	14911	S170-97	29/97
21785	CEDAR RIV PHD LT	MISSING	14909	S050-97	05/97

B. DISCREPANCIES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
03960	OKSILOFF SP PURPOSE B A (P)	DISCON	14826	B097-97	17/97
04450	VERMILION W PHD LT 2	LWP	14826	D258-97	28/97
18950	N. MUSKEGON ENT MARINA BUOY "1" (P)	DISCON	14934	G129-97	24/97
10130	HARBOR BEACH LT	LWP	14862	D232-97	24/97
18470	MOONLITE MARINA LIGHT 1 (P)	DISCON	14938	G123-97	24/97
18475	MOONLITE MARINA LIGHT 2 (P)	DISCON	14938	G124-97	24/97
21535	LANSING SH LT	LWP	14911	S167-97	28/97

III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000, 30 SEPTEMBER, 1997

A. RECENT TEMPORARY CHANGES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
04125	CLEVE HBR E BSN CH LB 09	DISCON	14839	D211-97	22/97
08834	DETROIT MUNICIPAL MARINA (TEMP)	ESTB	14848		17/97
12606	ST IGNACE CG BASIN TEMP B 2	TRLB	14881		20/97
15220	ONTONAGON HBR E BKW LT	DISCONT	14965	S112-97	15/97
19800	CALUMET HBR BKW S END LT	F/SSNDCONT	14926		20/97
20820	SHEBOYGAN BKW LT	F/SSNDCONT	14922		20/97

B. TEMPORARY CHANGES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
09575	ST CLAIR FLATS CNL LT 02	LWP	14852		20/97

IV. CHART CORRECTIONS since LNM 29/97

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart on it is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source Agency ofcorrection	Current Notice to Mariners
14922	17th ed. MANITOWOC AND SHEBOYGAN HARBORS Change	4/25/92	Last LNM 12/93	NAD 83	(CGD9)	17/93
	Corrective action		Object of corrective action			Position
			Manitowoc South Breakwater Light to "3" Fl G 2.5s, 37ft 8 StM			44 05 29.0N 87 38 37.0W

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from lakeward. Nominal range of lights is expressed in statute miles (St. M).

14820	14th ed. LAKE ERIE (LORAN C) Change	10/5/96	Last LNM 27/97	NAD 83	(CGD9)	29/97
			Ashtabula Harbor Light to Fl Y 6s, 16m, 8 NM at:			41 55 06.8N 80 47 45.3W
14825	23rd ed. ASHTABULA TO CHAGRIN RIVER (LORAN C) Change	9/11/93	Last LNM 27/97	NAD 83	(CGD9)	29/97
			Ashtabula Harbor Entrance Light "2" to Fl R 2.5s, 40 ft, 7 St M at: Ashtabula Harbor Light to Fl Y 6s, 51 ft, 9 St M at:			41 55 12.2N 80 47 41.7W 41 55 06.8N 80 47 45.3W
14828	4th ed. ERIE TO GENEVA (LORAN C) Change	10/3/92	Last LNM 27/97	NAD 83	(CGD9)	29/97
			Ashtabula Harbor Light to Fl R 2.5s, 12m, 6 NM at: Ashtabula Harbor Light to Fl Y 6s, 16m, 8 NM at:			41 55 12.2N 80 47 41.7W 41 55 06.8N 80 47 45.3W
14836	26th ed. ASHTABULA HARBOR Change	9/02/95	Last LNM 14/97	NAD 83	(CGD9)	29/97
			Ashtabula Harbor Entrance Light "2" to Fl R 2.5s, 40 ft, 7 St M at: Ashtabula Harbor Light to Fl Y 6s, 51 ft, 9 St M at:			41 55 12.2N 80 47 41.7W 41 55 06.8N 80 47 45.3W
14853	11th ed. (SC) DETROIT RIVER, LAKE ST. CLAIR AND ST. CLAIR RIVER (New edition due to various general changes.)	5/17/97	Last LNM 27/97	NAD 83	NEW EDITION (NOS Silver Spring, MD)	29/97
14862	27th ed. MI - LAKE HURON - PORT HURON TO PTE. AUX BARQUES (LORAN C) Insets: Haror Beach Port Sanilac Harbor (Inset) Change	2/12/94	Last LNM 27/97	NAD 83	(NOS BP-162277)	29/97
			depth legend to: 20 FT JULY 1997 at:			43 50 40.5N 82 38 03.0W
14882	33rd ed. ST MARYS RIVER-DETOUR PASSAGE TO MUNUSCONG LAKE Inset: De Tour Passage - MI Change	6/14/97	Last LNM 28/97	NAD 83	(NOS Silver Spring, MD)	29/97
			characteristics of lighted buoy "3" to Fl G 2.5s at:			46 03 36.0N 83 49 55.0W
14883	41st ed. ST MARYS RIVER-MUNUSCONG LAKE TO SAULT STE MARIE Add	4/26/97	Last LNM 28/97	NAD 83	(NOS Silver Spring, MD)	29/97
			Purple VTS call in symbol "11" indicating north and south movement at			46 10 48.0N 84 05 36.0W
14884	37th ed. ST MARYS RIVER-HEAD OF LAKE NICOLET TO WHITEFISH BAY Insets: Sault Ste. Marie - MI Change	5/31/97	Last LNM 27/97	NAD 83	(NOS Silver Spring, MD)	29/97
			Buoy from red to green and label S "6" at (main body of chart only)			46 30 01.5N 84 24 10.0W
14907	23rd ed. STONY LAKE TO POINT BETSIE (LORAN C) (Inset) Change Add	5/13/95	Last LNM 28/97	NAD 83	(NOS BP-161961)	29/97
			Depth legend to 9 FT JULY 1994 - JUN 1997 at: 3 ft sounding at:			44 28 58.3N 86 14 55.0W 44 29 01.1N 86 14 59.6W

LAKE SUPERIOR - MN - Duluth Harbor - Chart 14975

Change the characteristics of Duluth Harbor North Pier Light (LLNR 15855), from Iso W 6s to Iso R 6s and reduce the nominal range from 16 StM to 10 StM. [09/96]

LAKE MICHIGAN - MI - Manistee Harbor - Chart 14938

Disestablish Manistee Lake LB 4 (LLNR 18485). [25/97]

LAKE MICHIGAN - MI - Ludington Harbor - Chart 14937

Disestablish the flood lights on Ludington North Breakwater Light (LLNR 18530). [18/96]

LAKE MICHIGAN - MI - Muskegon Lake - Chart 14934

Discontinue the secondary light on Muskegon South Breakwater Light (LLNR 18705) and reduce the nominal range from 11 to 7 statute miles and solarize. [18/97]

LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927

Reduce the nominal range of Chicago Harbor Light (LLNR 19960) from 24 SM to 19 SM. [09/96]

LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927

Increase the nominal range of Chicago Harbor Entrance South Side Light (LLNR 19985) from 8 statute miles to 16 statute miles. [37/96]

LAKE MICHIGAN - WI - Manitowoc - Chart 14922

Change the characteristics of Manitowoc Breakwater Light (LLNR 20860) from Iso W 6s to Fl W 10s and solarize.
Reduce the nominal range from 17SM to 5SM. [09/96]

LAKE MICHIGAN - WI - Lower Green Bay - Chart 14910

Change the characteristic of Algoma Light 2 (LLNR 20985) from F R to Fl R 4s. [03/97]

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

Relocate Detroit Island Passage B 2 (LLNR 21340) to position 45-19.01N, 086-56.39W to better mark the shoal.

GREEN BAY - WI - Dutch Johns Point to Fishery Point - Chart 14908

Establish a RACON on Minneapolis Shoal Light (LLNR 21610). [03/97]

GREEN BAY - WI - Lower Fox River - Chart 14916

Change Green Bay City Buoys 2, 4, 6, 7, and 8 (LLNR 22280 - LLNR 22300) from annual to seasonal buoys maintained from May 14 to Oct 14. [03/97]

LAKE MICHIGAN - MI - Pentwater - Chart 14907

Permanently decommission Novadoc Wreck Buoy WR1 (LLNR 18640) [26/97]

LAKE MICHIGAN - MI - Detroit - Chart 14909

Move Detroit Harbor Channel Buoy 2 (LLNR 21355) to position 45-20-3.522N; 086-56-7.734W.
Move Detroit Harbor Channel Buoy 5 (LLNR 21365) to position 45-20-18.834N; 086-56-11.664W.
Move Detroit Harbor Channel Buoy 8 (LLNR 21375) to position 45-20-23.814N; 086-56-7.884W.
Move Detroit Harbor Channel Buoy 9 (LLNR 21380) to position 45-20-25.902N; 086-56-7.914W.
Move Detroit Harbor Channel Buoy 11 (LLNR 21385) to position 45-20-26.646N; 086-56-7.734W. [26/97]

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

Periodically the Coast Guard evaluates the system of Aids to Navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard the Coast Guard is evaluating changes in aids to navigation as noted below. Comments are requested, and should be addressed to LTJG Henige, Ninth Coast Guard District (oan). All comments submitted should include the following information: (A) Quantity, type, capacity and value of vessels involved, and the extent that these vessels traverse the area under consideration seasonally, by day and by night, (B) Where practical, the type of navigation devices, such as compasses, radio direction finder, radar, LORAN and search lights with which such vessels are equipped, (C) The number of passengers and the type, quantity, and value of cargo involved, and (D) A chart section or sketch showing the action proposed when necessary to clearly describe the recommended improvement.

GENERAL - GREAT LAKES

Disestablish the following lights:
Thirtymile Point Light (LLNR 2395)
Dunkirk Light (LLNR 3410)
Port Sanilac Light (LLNR 10115)
Point Aux Barques Light (LLNR 10210)
Sturgeon Point Light (LLNR 11345)
Forty Mile Point Light (LLNR 11715)
St. Helena Light (LLNR 17720) [09/96]

GENERAL - GREAT LAKES

Disestablish the following fog signals:

Frankfort North Breakwall Light (LLNR 18375)
Ludington North Breakwall Light (LLNR 18530)
Pentwater North Pierhead Light (LLNR 18620)
Muskegon South Breakwall Light (LLNR 18705)
Grand Haven South Pierhead Entrance Light (LLNR 18965)
South Haven South Pierhead Light (LLNR 19505)
St. Joseph North Pierhead Light (LLNR 19515)
Michigan City East Pierhead Light (LLNR 19545) [02/97]

ST. LAWRENCE RIVER - NY - St. Lawrence Seaway - Chart 14768

Change the characteristic of Tibbetts Point Light (LLNR 1735) from Oc W10s to a Fl W 15s.
Increase the nominal range from 16SM to 22SM. [09/96]

LAKE ST. CLAIR - MI - Lake St. Clair - Chart 14853

Establish a light structure to replace Lake St. Clair LB 30 (LLNR 8570). [09/96]

LAKE HURON - MI - Lexington Harbor - Chart 14862

Increase the nominal range of Lexington Harbor East Breakwater Light 2 (LLNR 10095) from 5SM to 8SM. [09/96]

LAKE HURON - MI - Au Gres Harbor - Chart 14863

Increase the nominal range of Au Gres Harbor South Pierhead Light 3 (LLNR 11160) from 6SM to 8SM. [09/96]

LAKE SUPERIOR - MN - Superior Harbor - Chart 14975

Change the nominal range of Superior Harbor South Breakwater Light (LLNR 15595) from 22NM to 18NM. [11/95]

Questions regarding these advance notices should be directed to LTJG Corey A. Henige, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060.

VII. GENERAL NOTICES

LAKE ONTARIO - NY- Oswego Harbor - Chart 14813

Luedtke Engineering Company will be conducted dredging operations in Oswego Harbor, NY thru October 07, 1997. Hours of operation will be 7:00AM and 7:00PM 7 days a week. The tug KURT LUEDTKE or DERRICK NO.16 may be contacted on VHF-FM channels 16 and 19. For further information contact Mr. Kuehler at (616) 352-9631 (Ext. 15) [25/97]

LAKE ERIE - OH - Cleveland -Artificial Reef Construction - Chart 14839

DEMCO Inc., under contract to the City of Cleveland, will construct two artificial reefs in Lake Erie off Edgewater Park and Woodland Park as seen in enclosure (5) of Local Notice to Mariner 29/97. The commencement date is tentatively set for October 06, 1997 and will continue thru mid-December of this year. Hours of operation will be from sunrise to sunset, 7 days a week, as needed. The west reef will be located from 41-29-57.0N, 81-45-21.0W to 41-30-02.0N, 81-45-35.4W. The far east reef will be located from 41-35-53.1N, 81-33-51.7W to 41-36-00.4N, 81-33-39.4W. There will be a minimum 15 foot clearance directly above each reef. Name of contact vessel will be in Local Notice to Mariner 30/97. For further information contact Ms. Diane Downing, City of Cleveland Stadium Project Manager, at (216) 664-4270. [29/97]

LAKE ERIE - OH -Conneaut Harbor - Chart, 14824

Comments concerning the adequacy of the present aids to navigation systems between Conneaut Harbor Breakwater Light 1 (LLNR 3700) and Conneaut Shoal Buoy (LLNR 3735) are requested by November 1, 1997 and should be addressed to OFFICER IN CHARGE, USCG AIDS TO NAVIGATION TEAM BUFFALO, Furman Blvd., Buffalo, NY 14203-3189. [03/97]

LAKE ERIE - OH -Fairport Harbor - Chart, 14837

Comments concerning the adequacy of the present aids to navigation systems between Fairport Harbor East Breakwater East End Light 1 (LLNR 3835) and Oksiloff Jetty Buoy A (LLNR 3960) are requested by November 1, 1997 and should be addressed to OFFICER IN CHARGE, USCG AIDS TO NAVIGATION TEAM HURON, 110 Wall St., Huron, OH 44839-1690. [03/97]

LAKE ERIE - OH - Euclid, Marine Repairs - Chart 14826

Manson Construction, Co. will be replacing The Euclid Waste Water Treatment Plant 48ft fall, 300 linear feet from shore until October 15, 1997. Work will proceed Monday through Saturday from 0600 to 2130 local time. Mariners are advised to use caution when transiting this area. M/V MARCEY can be contacted via either CH 16 VHF/FM. For further information, contact Ken Majka at (716) 632-6530. [17/97]

LAKE ERIE - OH - Cleveland -Breakwall Construction - Chart 14839

Kiewit Construction will be conducting Breakwall construction in Cleveland, OH until December 1, 1997. Operations will be 24hrs/7 days a week. The tug RICHARD REISS or barge KELSTONE may be contacted on VHF FM 8, 18 and 16. Temporary mooring buoys will be relocated after each vessel unloads. White spherical buoys are located in the channel north of Burke Lakefront Airport between Cleveland Harbor Channel Lighted Buoy 5 and Buoy 9. These buoys are marked with blue stripes and lighted with white strobe lights.. For further information contact Denni Bahls. at (216) 241-3150. [08/97]

LAKE ERIE - OH - Avon Lake - Pier Renovation - Chart 14830

Marine Contracting Corp. will be conducting construction operations in Avon Lake, OH from March 25 until September 30, 1997. Operations will be from 0700 to 1800 local, Monday through Friday. The tug TIMBERLAND and the derrick CROW may be contacted on VHF FM 19. For further information contact Victor Monz Jr. at (216) 246-3903. Avon Lake Launch Basin Light (LL4275) has been discontinued. [03/97]

Lake Erie - Maumee River - Anthony Wayne Bridge Construction - Chart 14846

The Ohio Department of Transportation is conducting construction operations on the Anthony Wayne Bridge in Toledo, Ohio until November 1998. Hours of operation will be 24 hours a day/7 days a week. It is requested that notification to the contractor is provided through the tenders of the Craig Memorial Bridge. There will be a 2 foot reduction in clearance. First notification is required a minimum of twenty-four hours prior to vessel passage through the bridge. This notification is to include the following information: A. Vessel Identification, B. Vessel air draft (feet), C. Estimated time of Bridge passage, D. Estimated time of departure (outbound). Additionally, it is necessary that schedule changes which impact timing of the rigging operation be reported as they become available. Final notice is required a minimum of two hours prior to vessel passage. This notice will initiate procedures to retract the rigging. For further information contact the Craig Bridge tender at the pager number 1-888-552-0877. [28/97]

LAKE ERIE - OH - Toledo -Bridge Maintenance - Chart 14847

Due to the nature of maintenance work on the Craig Memorial Bridge, Mile 3.3 Over the Maumee River in Toledo OH, Mariners are required to provide 12 hour advance notice prior to transiting the draw for the remainder of the 1997 navigation season. [15/97]

Lake Erie- MI - River Raisin - Dredging Operations - Chart 14846

A silt curtain will be blocking the north half of the River Raisin at the Port of Monroe and extending east 800 feet. Location Latitude 41-53-59N to 41-54-02N and Longitude 83-21-05W to 83-21-25W. An environmental dredging project to remove PCB impacted river sediments is scheduled to occur in the River Raisin October 1. During the dredging operations the south section of the river which is 70 feet in width will be open to all pleasure craft and small commercial vessels. Vessels should transit the area at bare minimum steerage. No stopping is permitted within the zone. POC: Ford Project Coordinator at 313-322-3761. [23/97]

LAKE ERIE - OH - Cleveland Harbor, Bridge maintenance - Chart 14839

The Great Lakes Const. Co. will be performing pier replacement work on the south side of the I-490 bridge at mile 5.8 over the Cuyahoga River starting approximately 15 September until 31 October 1997. Temporary H-piles will be placed no more than 10 feet into the river from the pier to hold oil containment booms. The H-piles will be lighted by the contractor. Mariners should use caution while transiting the area. [23/97]

LAKE ERIE TO LAKE HURON - Obstruction Removal and Survey

Beginning on or about March 30, 1997, and continuing throughout the 1997 navigation season, the U. S. Army Corps of Engineers S/V PADRENEBERG VELER, along with other survey vessels and attendant plant, will perform obstruction removal and survey operations in various Federal navigation channels of Lake Huron, the St. Clair River, Lake St. Clair, the Detroit River and Lake Erie. While performing survey operations, the s/v PAJ (a 120 feet long by 33 feet wide vessel), may be transiting the channels in a transverse (sideways) mode and thus will be one of the widest vessels in the channels. Also, operating in this mode, the maneuverability of the vessel is restricted, Appropriate shapes and/or lights will be exhibited. Operations will be conducted Monday through Friday from 0700 to 1900 hours. Vessel operators should use caution and reduce speed when navigating in the vicinity of these operations. All inquiries should be addressed to CENCE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-02. [03/97]

LAKE ERIE - OH - West Harbor - Chart 14844

Marine Contracting Corporation will be conducted maintenance dredging West Harbor, Ohio thru November 30, 1997. Hours of operation will be from 7:00 am to 7:00 pm 7 days a week. The tug PRAIRIELAND will be monitoring VHF-FM channels 16 and 19. For further information contact Victor Moitz III at (216) 246-3903. [26/97]

LAKE ERIE - OH - Avon Lake - Chart 14829

Marine Contracting Corporation will be conducted maintenance dredging Avon Lake, Ohio thru December 30, 1997. Hours of operation will be from 7:00 am to 7:00 pm 7 days a week. The derrick boat TNT or tug TIMBERLAND will be monitoring VHF-FM channels 16 and 19. For further information contact Victor Moitz III at (216) 246-3903. [26/97]

LAKE ERIE - OH -Turtle Creek - Dredging Operations, Chart 14842

The GEO. Gradel Co. is conducting dredging operations at the entrance of Turtle Creek until October 30, 1997. Two lighted mooring buoys have been placed 600 yards northeast of the Turtle Creek entrance. Hours of operation are 24 hours a day 7 days a week. The M/V MIGHTY JAKE may be contacted on VHF-FM channels 16 and 18. For further information contact Mr. John Gradel at (419) 691-7123. [23/97]

DETROIT RIVER - MI - East and West Outer Channel - Chart, 14848

Comments concerning the adequacy of the present aids to navigation systems between Detroit River Light (LLNR 6885) and Beche Island Buoy (LLNR 8275) are requested by November 1, 1997 and should be addressed to COMMANDING OFFICER, USCGC BRISTOL BAY, 110 Mt. Elliott Ave., Detroit, MI 48207-4380. [03/97]

ST. CLAIR RIVER - MI - Lake Huron Cut - Chart, 14852

Comments concerning the adequacy of the present aids to navigation systems between St. Clair Flats Canal Buoy 1 (LLNR 9570) and Lake Huron Cut Lighted Buoy 12 (LLNR 10090) are requested by November 1, 1997 and should be addressed to COMMANDING OFFICER, USCGC BRAMBLE, P.O. Box 610786, Foot of Lincoln Ave., Port Huron, MI 48061-0786. [03/97]

ST. CLAIR RIVER - MI - South End of Lake Huron - Bridge Maintenance, Chart 14865

Contractors have constructed containment scaffolding under the United States side of the Blue Water bridge to facilitate painting and rehabilitation. The scaffolding will be in place until September 1998. The scaffolding will be constructed on shore and swung into place when marine traffic is cleared. Once in place, the vertical clearance will be reduced by no more than 10 feet in the navigation channel. Temporary yellow lights will mark the ends of the scaffolding and the regular navigation lights will be operational throughout the project. [24/97]

LAKE HURON - MI- Saginaw Bay -Chart 14863

M.C.M marine will be conducted dredging operations in Conning Harbor, Saginaw Bay, Michigan thru November 15, 1997. Hours of operation will be 24 hours a day, 7 days a week. The dredge KINGFISHER may be contacted on VHF-FM channels 16 and 10. Mariners are requested to pay special attention to the submerged pipeline, buoys, and required day and night signs on dredge. For further information contact Darwin McCoy at (906) 635-9745. [26/97]

LAKE HURON - MI - Saginaw Bay and River - Surveys, 14867

U. S. Army Corps of Engineers' survey vessels will be performing survey operations within the Federal navigation channels in the Saginaw Bay and the Saginaw River, Michigan throughout the 1997 navigation season. Vessel operators should use caution and reduce speed when navigation in the vicinity of these operations. All inquiries should be addressed to CENCE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-03. [03/97]

ST. MARYS RIVER - MI - St. Marys River - Chart, 14883

Comments concerning the adequacy of the present aids to navigation systems between Drummond Island South Side Big Shoal Buoy 2 (LLNR 12765) and West Neebish Channel Lighted Buoy 1 (LLNR 13755) are requested by November 1, 1997 and should be addressed to COMMANDING OFFICER, USCGC BUCKTHORN, C/O USCG BASE, 337 Water St., Sault Ste Marie, MI 49783-9501. [03/97]

ST. MARYS RIVER - MI - General - Channel Maintenance Operations - Chart 14883

U. S. Army Corps of Engineers floating plant (survey vessels and derrick boats) will be performing channel maintenance operations in various reaches and channels of the St. Marys River throughout the 1997 navigation season. Vessel operators are requested to navigate through caution when in the vicinity of these operation and to reduce speed when requested to do so. Wakes caused by vessels in the area of survey operations may cause a delay in these operations of up to thirty minutes while waiting for these wakes or ground swells to subside. Radio contact may be established with these vessels on VHF Channel 14 in the Locks area and VHF Channels 16, 13 or 12 in other areas of the river. Small boat operators are cautioned to keep clear of these operations and listen and watch for signals from personnel on these vessels. [02/97]

ST. MARYS RIVER - MI - West Approach to Cabin (Fourth) Lock, Acoustic Test Bed, Chart 14883

As shown on enclosure 2 in LNM 02/97, the large rocks, which were placed in the West Approach - North Canal of the Cabin (Fourth) Lock for the purpose of testing acoustic shoal detection equipment are still in place. The top of the rocks may be up to four (4) feet above the existing bottom. The rocks will be in place for the rest of the 1997 Shipping Season. Vessel operators are advised to use caution when navigation in this area. [02/97]

ST. MARYS RIVER - MI Soo Locks - Gate Repairs, Chart 14884

Ryba Marine Construction Co., will be conducting repairs on the compensating gates at Sault Ste. Marie, MI from May 1 until October 30, 1997. Hours of operation will be 12Hrs/7 days per week. The dredge VENTURE may be contacted on channels 16 and 13. For further information, contact Thom Morish at (616)627-4333. [05/97]

LAKE MICHIGAN - WI - Milwaukee Harbor - Bridge construction, Chart 14924

Construction of the north leaf of the Kinnickinnic Ave. bridge, mile 1.63 over the Kinnickinnic River in Milwaukee, WI, has commenced. The north leaf will be operational and the south half of the channel will be closed to navigation for the remainder of the 1997 season. Barges are being used to facilitate construction. Mariners are advised to use caution when transiting the area. [23/97]

LAKE MICHIGAN - WI - Green Bay, Dredging Operations, Chart 14918

The Roen Salvage Company is conducting dredging operations in Green Bay between Grassy Island and Long Tail Point and also upper Fox River near Tupper and the railroad bridge until December 15, 1997. Hours of operation are 24 hours a day 7 days a week. The Tug STEVEN ASHER may be contacted on VHF-FM channels 7 and 16. The area is marked with green and white buoys not to be used for navigation and poles with yellow flashing lights will be adjacent to channel. For further information contact Thomas Levy at (920) 743-6533. [23/97].

LAKE MICHIGAN - MI - St. Joseph - Chart

American Inland Marine Inc. will be conducting marine construction at the U.S. Coast Guard Station in St. Joseph, Michigan until approximately November 18, 1997. Hours of operation will be from 0730 to 1630, Monday thru Friday. The M/V SARAH B may be contacted on VHF-FM 16 and 18. The construction work will be mostly confined to the station area and minimal channel usage or interference. For further information contact the Project Manager, Mr. Cowzanzak at (616) 983-0800. [26/97]

LAKE MICHIGAN - MI - Pentwater Harbor, Breakwall repair, Chart 14907

Luedtke Engineering Co., will be conducting Breakwall repairs at Pentwater Harbor, MI until November 30, 1997. Hours of operation will be 24Hrs/7days a week. The tug PAUL LUEDTKE or DKBT #12 may be contacted on channels 16 and 19. For further information, contact Koilor at (616)352-9631. [02/97]

LAKE MICHIGAN - MI - White Lake - Chart 14935

Roen Salvage Co. is conducting breakwater repairs in White Lake, Michigan until April 31, 1998. Hours of operation will be between 0400 and 2400, 7 days a week. The tug JOHN R. ASHER may be contacted on VHF-FM channels 7 and 16. For further information contact Thomas Levy at (920) 743-6533. [26/97]

ROUGE RIVER - MI - Dredging - Chart 14854

Lake Michigan Contractors, Inc. are conducting dredging operations in the Rouge River, Michigan thru October 25, 1997. Hours of operation will be 24 hours a day, 7 days a week. The dredge OJIBWAY may be contacted on VHF-FM channels 16 and 12 with the working channel being 18. For further information contact Mr. Blundat at (616) 392 -2958. [26/97]

LAKE MICHIGAN - IN - Michigan City, Bridge operating schedule, Chart 14926

The Franklin Street bridge, mile 0.5 over Trail Creek, will open as follows for recreational vessels throughout the 1997 boating season: between 0615 and 2315, daily, the bridge need open only from 3 minutes before to 3 minutes after the quarter-hour and three-quarter hour. The bridge will open on signal for commercial vessels, public vessels, vessels in distress, and during severe weather for recreational vessels. [01/97]

LAKE MICHIGAN - IL - Chicago River - Bridge Maintenance and Clearance Reduction - Chart 14848

Maintenance on the Sag Highway (Route 83) bridge, mile 23.2 over the Chicago Sanitary and Ship Canal, will require supports be placed on the underside of the bridge that will reduce the vertical clearance from 39 feet to 37 feet along the entire length of the bridge. This work is scheduled for completion in May of 1998. [36/96]

LAKE MICHIGAN - IL - Chicago Lakefront, Breakwall Repair, Chart 14927

This is an update on information provided in LNM 17/97. American Marine Constructors will be conducting Repairs on the south Chicago filtration plant breakwall until approximately November 30. Work will proceed Monday through Saturday from 0700 to 2000 local time. Mariners are advised to use caution, reduce speed and maintain a safe distance when transiting this area. M/V DEFIANCE or M/V ALICE E can be contacted via either CH 16 or 18A VHF/FM. For further information, contact American Marine Constructors at (616) 926-1717. [24/97]

LAKE MICHIGAN - IL - Chicago River, Bridge Rehabilitation, Chart 14927

The rehabilitation of Cermak Road bridge, mile 4.05 over the South Branch of the Chicago River, will continue until approximately May 1998. Work will be done Monday through Saturday, 0700-1530. One leaf will be in the open position at all times with approximately 50-70 feet of horizontal clearance at any time. Mariners may have up to 100 feet of clearance by providing a 1-hour advance notice to raise the other leaf. Advance notice may be provided by calling the Thatcher Engineering Corp. barge on VHF-FM channel 16, or Mr. Van Sutphen at work (312) 805-7335, or home (630) 910-1045. Work barges will be in the water during cofferdam work and reconstruction from June 1 to approximately September, 1997 with about 100 feet of clearance. [01/97]

LAKE MICHIGAN - IL - Jackson Park Harbor - Breakwall repairs, Chart 14928

Edward E. Gillen Co. will be conducting breakwater repairs at Jackson Park Harbor, Chicago, IL from April 27 until December 15, 1997. Hours of operation will be 24Hrs/ Monday - Saturday. The tug GILLKEN III, HARBOR BUILDER or ANDREW J may be contacted on channels 7, 8 and 16. Construction consists of rehabbing an existing breakwater at Jackson Harbor Marina. Entrance lights will be operable. Anticipate 5 barges on site during construction. Jackson Harbor Middle Light (LLNR 19880) has been temporarily disestablished. A temporary mooring buoy will be install approximately a half mile out from land. The buoy will be blue with a white horizontal strip and lit with either an amber or a white light. For further information, contact Chdeillor or Tom Miller at (414)769-3120. [05/97]

LAKE MICHIGAN - WI - Milwaukee - Bridge Construction, Chart 14924

Lund Construction will be conducting bridge construction at Milwaukee Harbor, WI until November 1, 1997. Hours of operation will be 0700 to 1500/Monday - Friday. For further information, contact JoKadunc at (414)547-1781. [05/97]

GREAT LAKES - GENERAL - MARINE EVENTS

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are

asked to exercise caution when navigating through the area of the event.

Location	Events	Dates	Time (Local)
Cleveland, OH	Edgewater YC - Sailboat Race	OCTOBER 05	1000-1600
Windsor, ONT	Windsor YC "Wednesday Night Races"	OCTOBER 08	1800-2200
Cleveland, OH	Edgewater YC - Sailboat Race	OCTOBER 11	1000-1600
Cleveland, OH	Edgewater YC - Sailboat Race	OCTOBER 12	1000-1600
Rockford, IL	Head Of The Rock Regatta	OCTOBER 12	0800-1600
Gary, IN	Magestic Star Casino Fireworks	OCTOBER 23	2000-2100
Chicago, IL	Magnificent Mile Fireworks	NOVEMBER 22-23	1730-1930
Toledo, OH	First Night Fireworks	DECEMBER 31	1830-2400

SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS STILL IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completion are tentative.

Location	LNM	Subject	Hours / Days	Until
ST. LAWRENCE SEAWAY				
Prescott, Ont	04/97	DIVING OPERATIONS	DAYLIGHT	FURTH NOTICE
LAKE ONTARIO				
Oswego Harbor, NY	25/97	DREDGING	0700-1900/7 DAYS A WEEK	07 OCT 97
LAKE ERIE				
Cleveland, OH	29/97	REEF CONSTRUCTION, ADVANCE NOTICE	DAYLIGHT/7 DAYS A WEEK	15 DEC 97
Toledo, OH	28/97	BRIDGE MAINTENANCE	24HRS/7 DAYS A WEEK	NOV 98
Cleveland, OH	23/97	BRIDGE MAINTENANCE,		31 OCT 97
Dunkirk Harbor, NY	17/97	DREDGING	24HRS/7 DAYS A WEEK	01 OCT 97
Euclid, OH	17/97	WASTE WATER TREATMENT PLANT REPAIRS	0600-2130/MON-SAT	15 OCT 97
Cleveland, OH	05/97	BREAKWALL CONSTRUCTION	24HRS/7 DAYS A WEEK	01 DEC 97
Avon Lake, OH	03/97	PIER RENOVATION	0700-1800/MON-FRI	30 DEC 97
Toledo, OH	15/97	BRIDGE MAINTENANCE		01 NOV 97
River Raisin, MI	10/97	DREDGING		01 OCT 97
Lake Erie to Lake Huron	03/97	SURVEY OPERATIONS	0700-1900/MON-FRI	15 DEC 97
Buffalo River, NY	25/97	DREDGING	0700-1900/7 DAYS A WEEK	15 NOV 97
Toledo, OH - Turtle Creek	23/97	DREDGING	24HRS/7 DAYS A WEEK	30 OCT 97
Avon Lake, OH	26/97	DREDGING	0700-1900/7 DAYS A WEEK	15 DEC 97
West Harbor, OH	26/97	DREDGING	0700-1900/7 DAYS A WEEK	30 NOV 97
LAKE HURON				
Saginaw Bay and River, MI	03/97	SURVEY OPERATIONS		15 DEC 97
Saginaw Bay and River, MI	22/97	DREDGING	24HRS/7 DAYS A WEEK	19 OCT 97
Pinconning Harbor, Saginaw Bay, MI	26/97	DREDGING	24HRS/7 DAYS A WEEK	15 NOV 97
River Rouge, MI	26/97	DREDGING	24HRS/7 DAYS A WEEK	25 OCT 97
ST. MARYS RIVER				
St. Marys River, MI	02/97	CHANNEL MAINTENACE		31 DEC 97
St. Marys River, MI	25/97	REPLACEMENT OF W. NEEBISH LT # 14	0700-1900/7 DAYS A WEEK	01 NOV 97
Soo Locks	29/97	GATE REPAIRS	12HOURS/7 DAYS A WEEK	30 OCT 97
LAKE SUPERIOR				
Silver Bay, MN	10/97	BREAKWATER CONSTRUCTION	0500-2300/MON-SAT	
LAKE MICHIGAN				
Pentwater, MI	02/97	BREAKWALL REPAIR	24HRS/7 DAYS A WEEK	30 NOV 97
White Lake, MI	04/97	CONSTRUCTION	0800-1800/MON-SAT	DEC 97
Jackson Park, Chicago, IL	05/97	BREAKWALL MAINTENANCE	24HRS/MON-SAT	15 DEC 97
Cermak Road Bridge, Chicago, IL	01/97	BRIDGE REHABILITATION	0700-1530/MON-SAT	MAY 98
Filtration Plant, Chicago, IL	17/97	BREAKWALL REPAIR	0700-2000/MON-SAT	30 NOV 97
Milwaukee, WI	05/97	BRIDGE CONSTRUCTION	0700-1500/MON-FRI	01 NOV 97
Fox River, Green Bay, WI	09/97	BRIDGE CONSTRUCTION	0630-1730/MON-FRI	01 NOV 97
Fox River, WI	23/97	DREDGING	24HRS/7 DAYS A WEEK	15 DEC 97
St. Joseph, MI	26/97	MARINE CONSTRUCTION	0730-1630/7 DAYS A WEEK	18 NOV 97
White Lake, MI	26/97	BREAKWATER REPAIRS	0400-2400/7 DAYS A WEEK	31 APR 98

VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES since 29/97

(* Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3745	- Light	41 55.1 80 47.8	FI Y 6s *	51 16	9 *	White cylindrical tower on white square house.	29/97
3760	- ENTRANCE LIGHT 2		FI R 2.5s	40 12	7	White cylindrical tower with red band.	

			*		*			*	29/97
18111.1	NOAA Research Lighted Buoy A							Remove from list. *	29/97
18111.2	NOAA Research Lighted Buoy B							Remove from list. *	29/97
18111.3	NOAA Research Lighted Buoy C							Remove from list. *	29/97
18111.4	NOAA Research Lighted Buoy D							Remove from list. *	29/97
18111.5	NOAA Research Lighted Buoy E							Remove from list. *	29/97
18111.6	NOAA Research Lighted Buoy F							Remove from list. *	29/97
18470	Moonlite Marina Daybeacon 1	44 15.6 86 18.9		3 1		SG on post.		Maintained from May 1 to Oct 1. Private aid. *	29/97
	*		*	*					
18475	Moonlite Marina Daybeacon 2			3 1		TR on post.		Maintained from May 1 to Oct 1. Private aid. *	29/97
	*		*	*					
18700	White Lake Municipal Marina Entrance Buoy 1 (supersedes 17/97)							Remove from list. *	29/97

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
18880	- MUNICIPAL MARINA PIER LIGHT						Remove from list. *	29/97
	**ADD HEADING: Hartshorn Municipal Marina Aids maintained from Apr.15 to Nov. 1.							
18881	- Lighted Buoy 1	43 14.2 86 16.2	FI G 4s			Green.	Private aid.	
*	*	*	*			*	*	29/97
18882	- Lighted Buoy 2		FI R 4s			Red.	Private aid.	
*	*	*	*			*	*	29/97
18883	- Buoy 3					Green can.	Private aid.	
*	*	*	*			*	*	29/97
18884	- Lighted Buoy 4		FI R 2s			Red.	Private aid.	
*	*	*	*			*	*	29/97
18885	- LIGHT 5	43 14.2 86 16.2	Iso G 20s	15 5		On tripod.	Private aid.	
	*	*					*	29/97
18890	- LIGHT 6		Iso R 20s	15 5		On tripod.	Private aid.	
	*						*	29/97
18895	- BASIN LIGHT	43 13.8 86 15.9	F R	18 6		On pole.	Private aid.	
	*	*		*		*	*	29/97
18945	- LIGHT 5						Remove from list.	

		*	29/97
18950	North Muskegon Yacht Club Buoy 1	Remove from list. *	29/97
18955	<i>North Muskegon Yacht Club Lighted Buoy 2</i>	Remove from list. *	29/97
18960	<i>North Muskegon Yacht Club Lighted Buoy 4</i>	Remove from list. *	29/97

IX. ENCLOSURES

- (1) U.S. Army Corps of Engineers Notice NO.L97-61
- (2) U.S. Army Corps of Engineers Notice NO.L97-60
- (3) U.S. Army Corps of Engineers Notice NO.L97-59
- (4) Coast Pilot 6 27th Ed 1997 change No. 7
- (5) Lake Erie Artificial Reef

John F. McGowan
Rear Admiral, U. S. Coast Guard
Commander, Ninth Coast Guard District